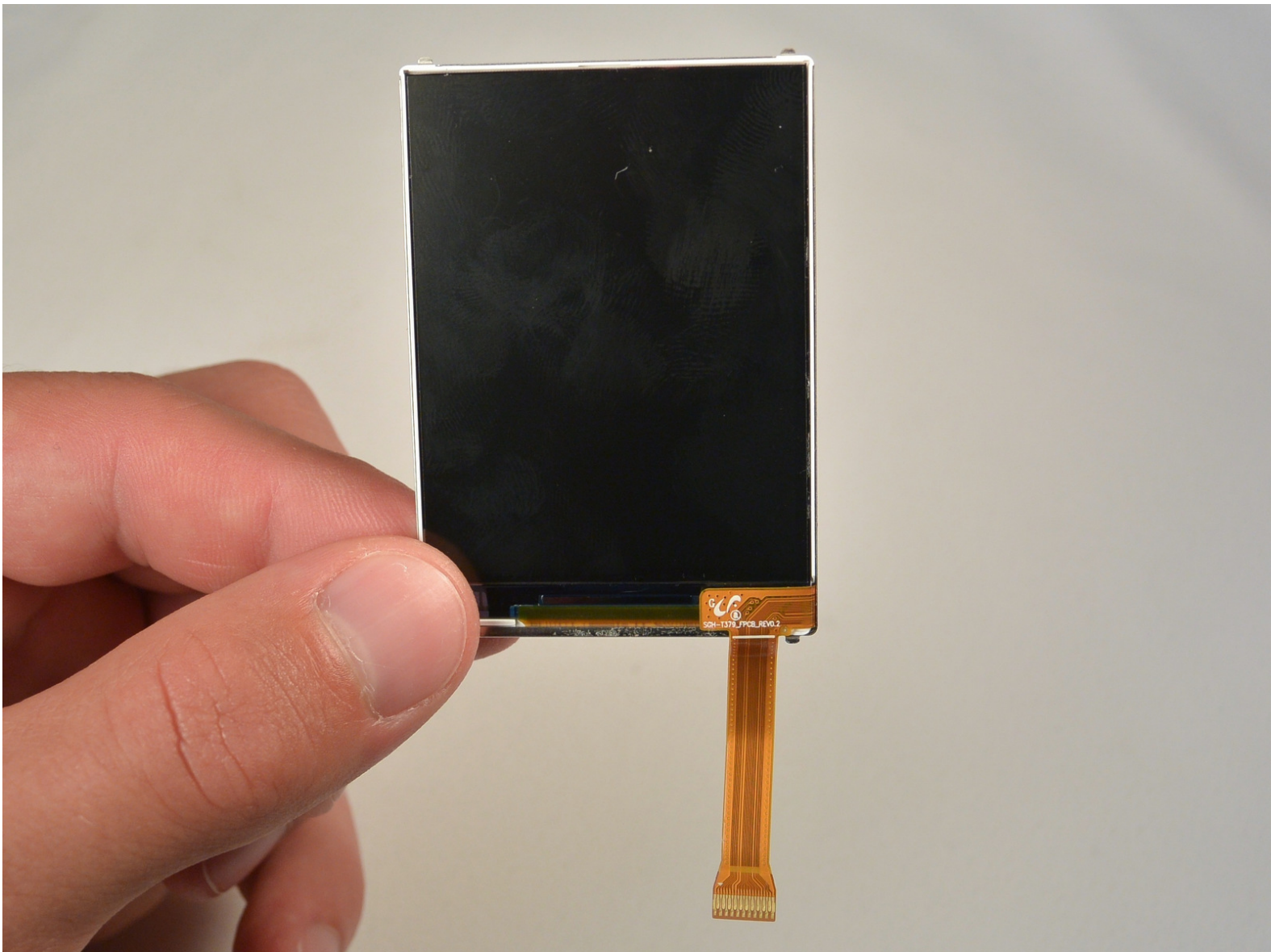




# Samsung Gravity TXT Screen Replacement

This guide will show how to replace the screen of a Samsung Gravity TXT

Written By: Andrew Sieverding

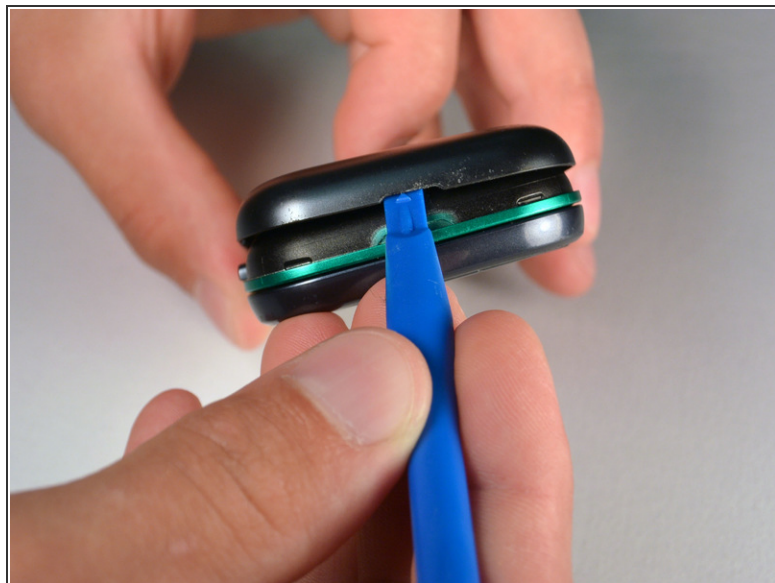




## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
  - [Jimmy](#) (1)
  - [iOpener](#) (1)
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## Step 1 — Battery



- Pry the back cover off with a plastic opening tool, or your fingernail, in the indentation on the bottom of the device.

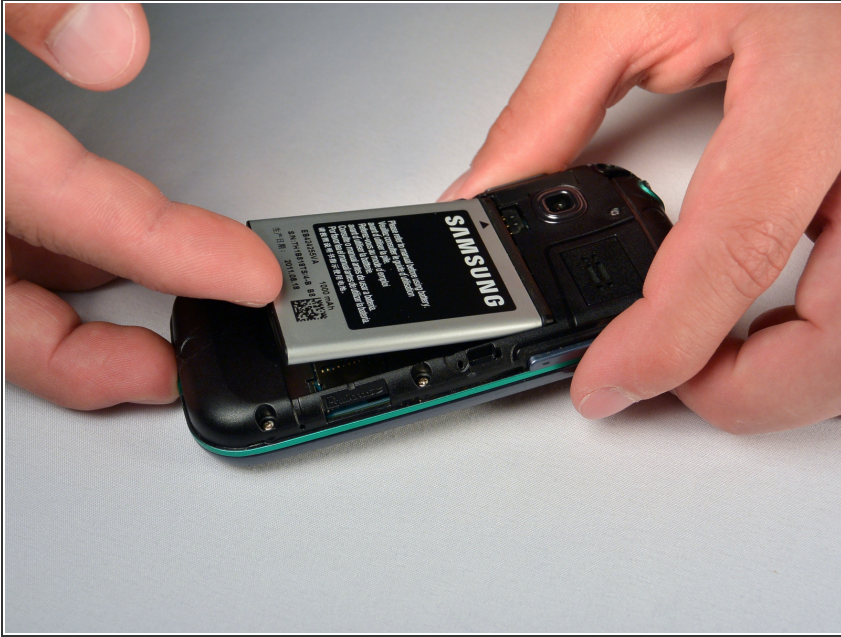
## Step 2



- Lift the back cover away from the main body of the phone.

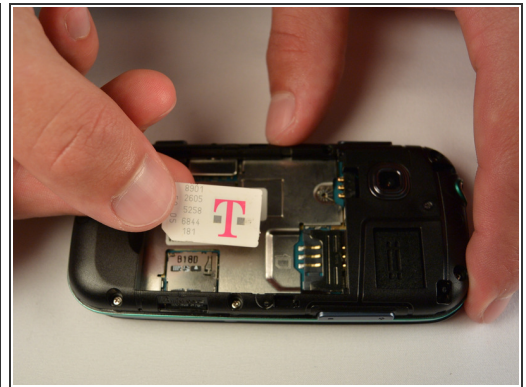
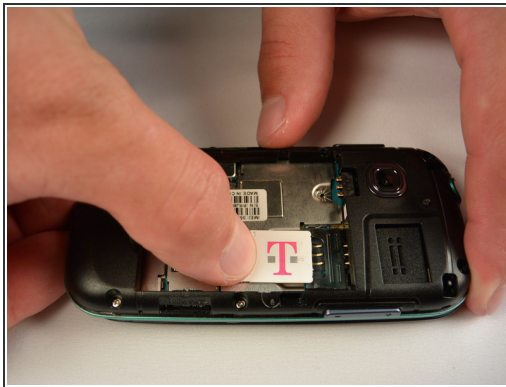
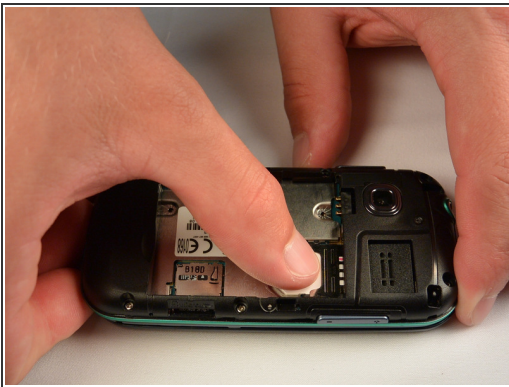


### Step 3



- Insert your finger in the groove below the battery.
  - Press the battery toward the audio jack while lifting upward and away from the phone.
- ☑ Remember to place the battery back with the copper contacts on the battery lined up with those on the phone.

### Step 4 — SIM Card



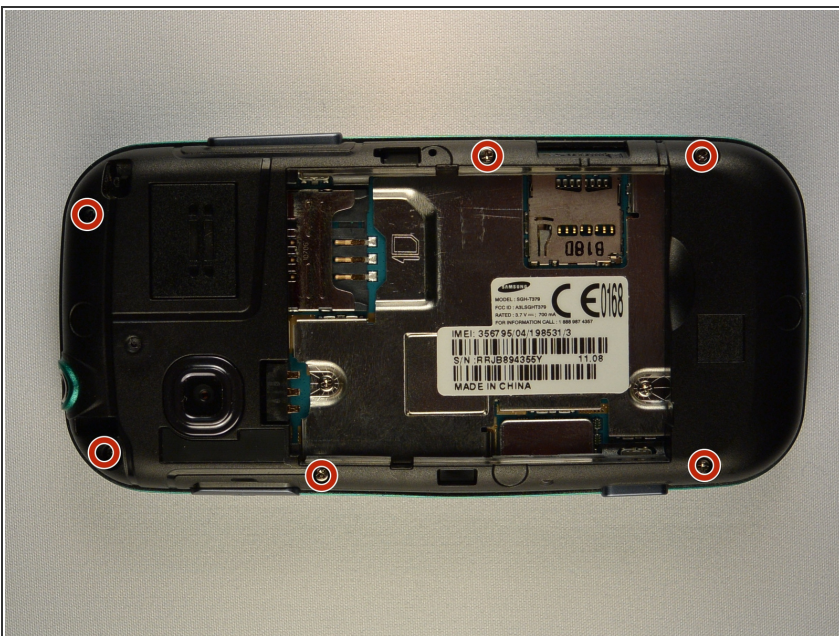
- Using your finger, push the SIM Card down and slide out of the slot.
    - ⓘ Slide the SIM card out enough to grab it firmly.
  - Remove the SIM card away from the phone.
- ☑ Follow the visual on the bottom of the SIM card slot to put the SIM card back in the correct orientation.
- ⓘ When sliding the SIM Card back in the slot, make sure the card goes all the way in the slot until it hits the stopper.

## Step 5 — microSD Card



- Using your fingernail, push the microSD card slightly deeper into the slot, until you hear a click.
- i** The removal of the battery is not required for this operation; therefore, step 3 can be skipped if just replacing the microSD card.
- After the click, release the microSD card to allow it to pop out.
- Remove the microSD card from its slot
- ✦** When placing the microSD card back in the phone, make sure the card clicks in place.

## Step 6 — Plastic Back Frame



- Remove the six 3 mm #00 Phillips screws in the plastic back frame.

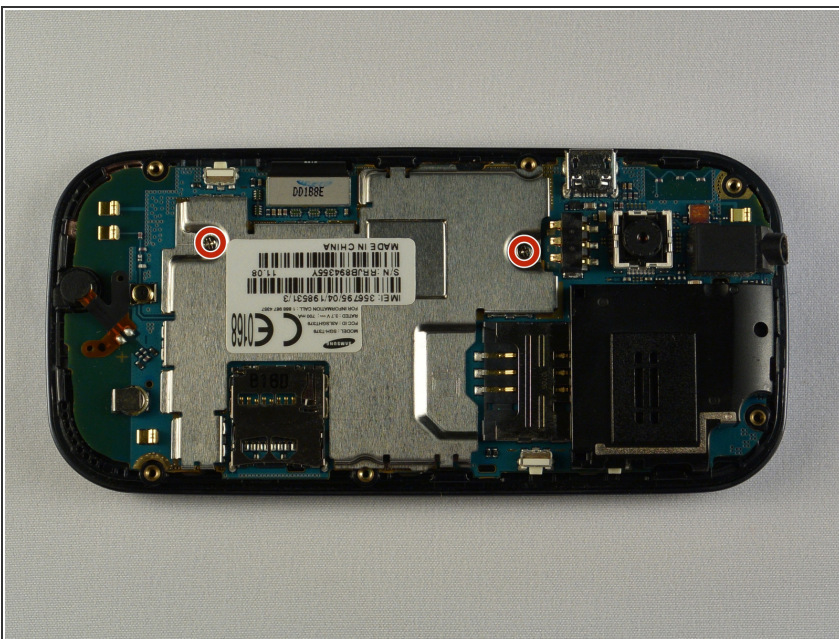


## Step 7



- Slide the keyboard out.
- Use a Jimmy to separate a small segment of the plastic back frame from rest of the phone.
  - ⓘ Starting at the bottom of the keyboard is recommended.
- Slide an opening pick around the rest of the seam, starting at the gap just created with the Jimmy.
  - ⓘ You will have to slide the keyboard back in to separate the back frame from the top half of the keyboard slider.
- Lift the plastic back frame away.

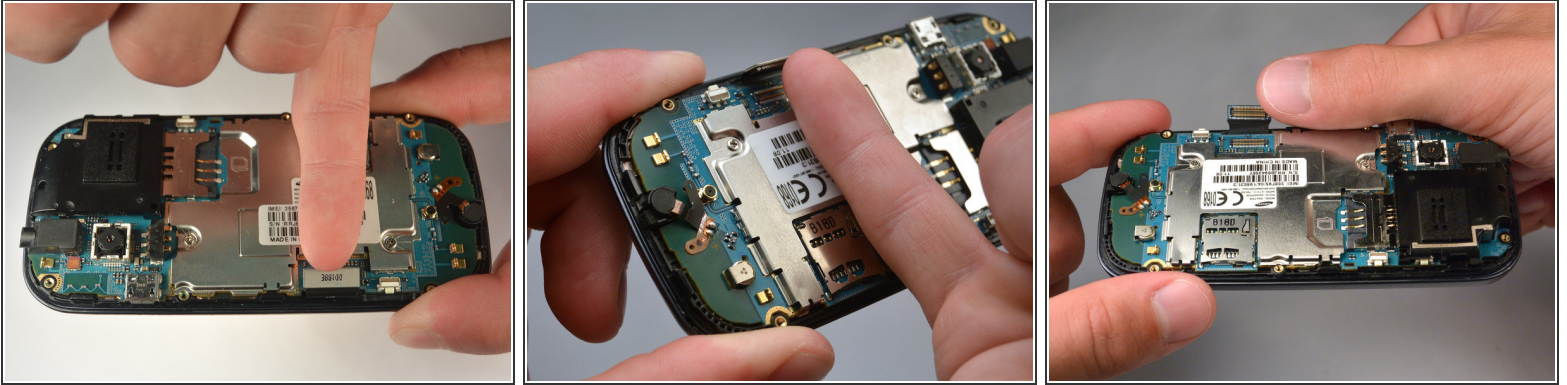
## Step 8 — Motherboard



- Remove the two 3 mm Phillips #00 screws securing the motherboard to the front panel.

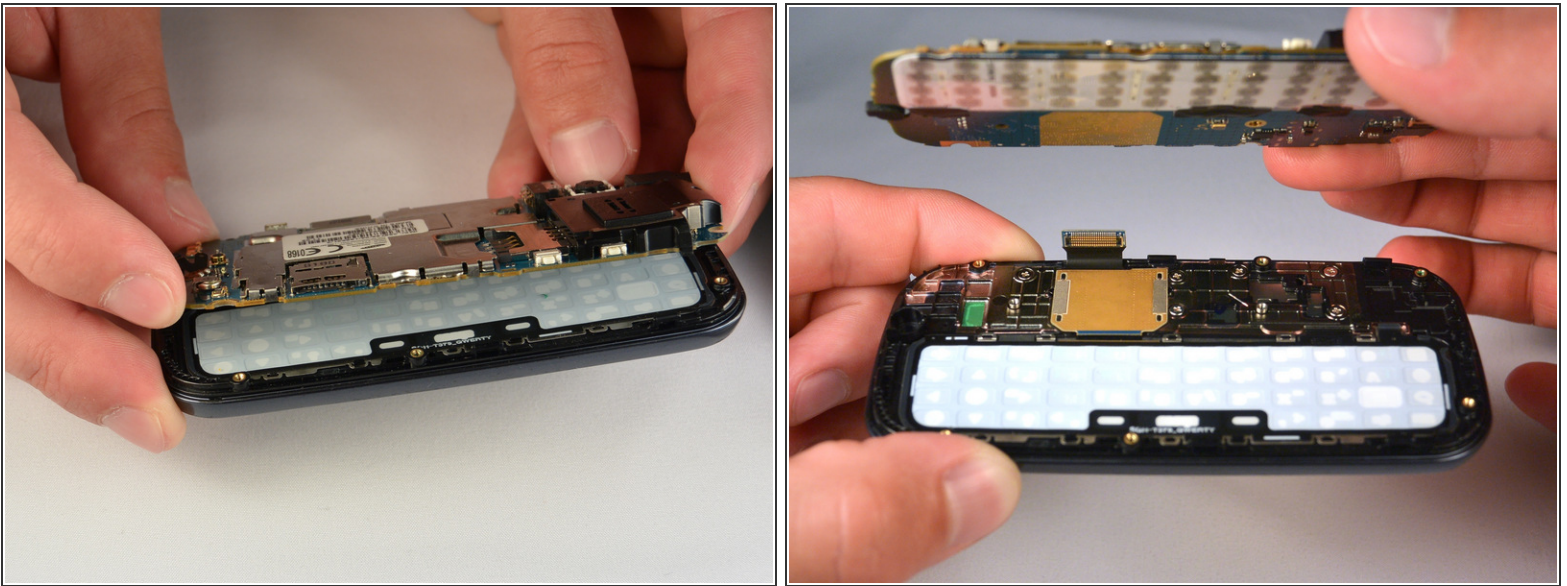
**⚠** Do not try to pull the motherboard out just yet. The display data cable needs to be disconnected from the motherboard first.

## Step 9



- Use your finger nail to disconnect the display data cable from the motherboard.

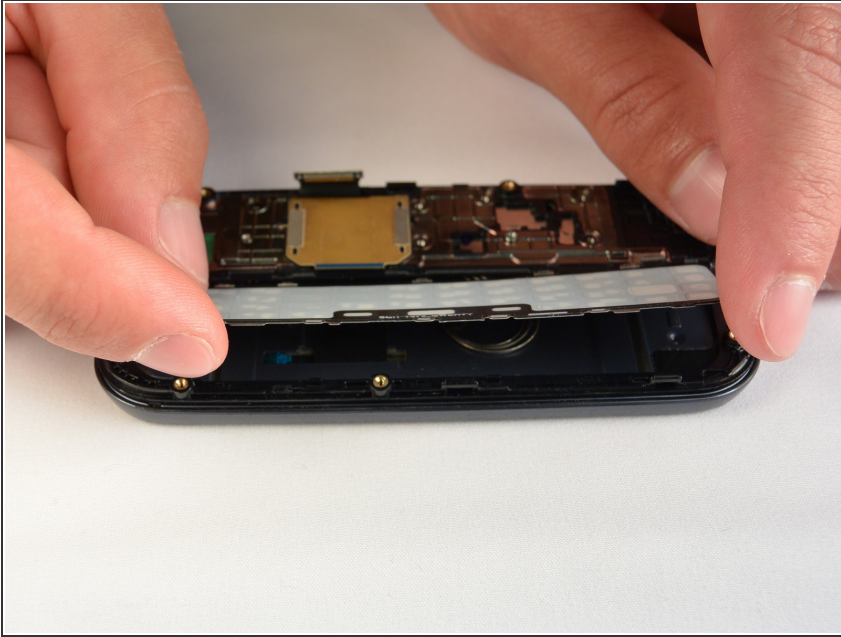
## Step 10



- Carefully lift the main motherboard assembly away from the front panel.

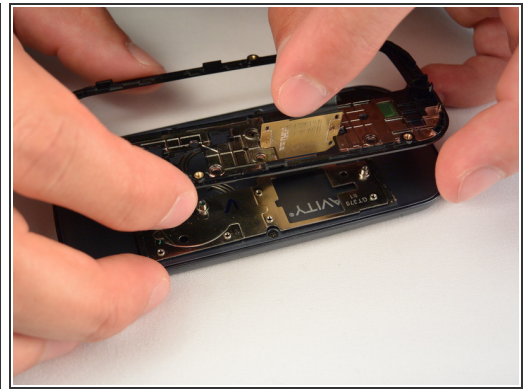
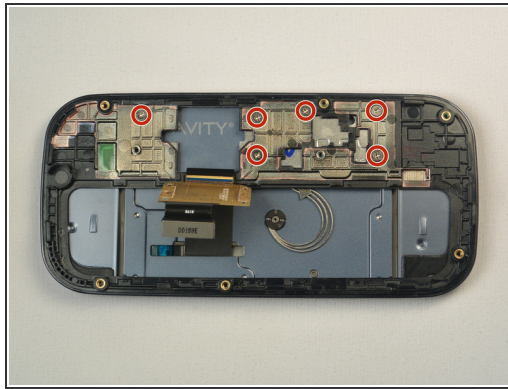
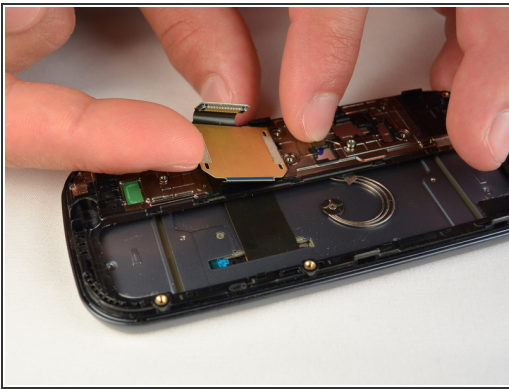


## Step 11 — Keyboard



- Take the keyboard off of the phone.

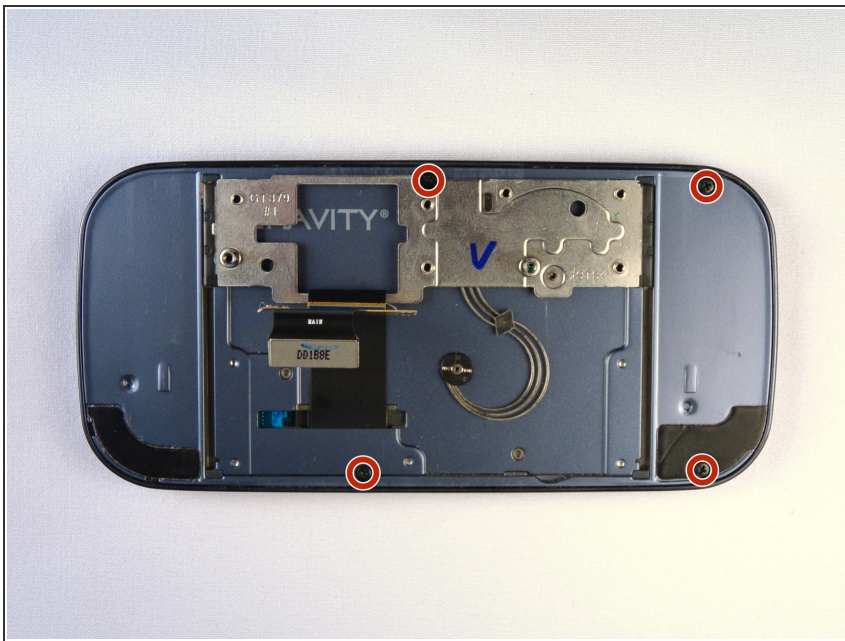
## Step 12 — Screen



- Lift the ribbon off the plastic inner frame.
  - ⓘ You may have to warm the adhesive using an iOpener to avoid damaging the ribbon.
- Remove the six 1.2 mm #00 screws from the inner plastic frame.
- Slide the ribbon through the slot on the inner frame while pulling the frame away.

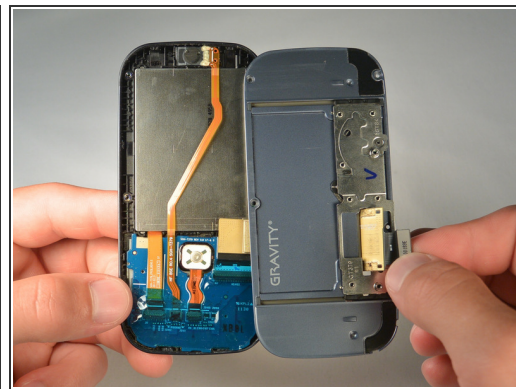
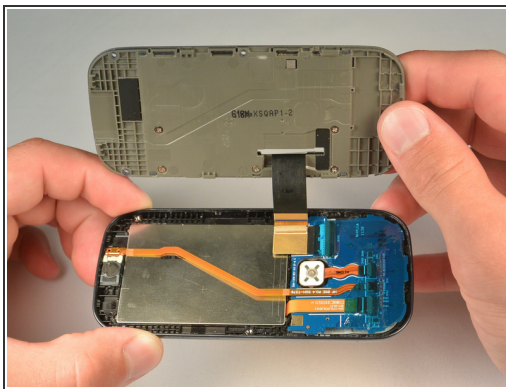
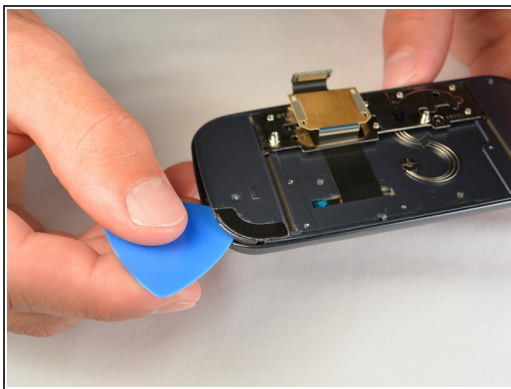


## Step 13



- Remove the four 2.4 mm #00 Phillips screws.

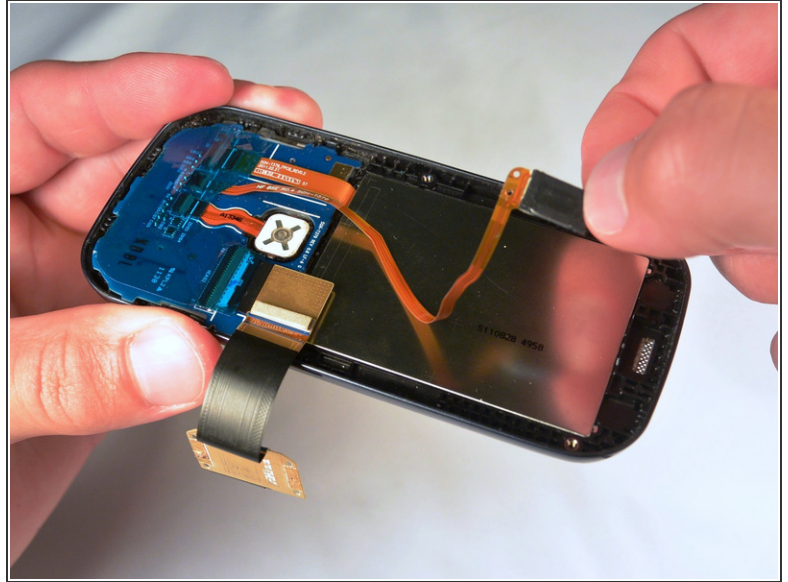
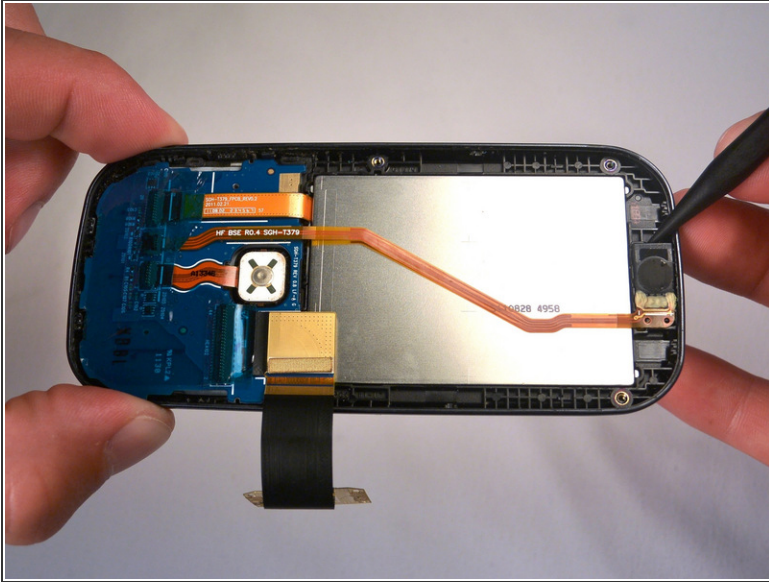
## Step 14



- Use a opening pick to separate the plastic back casing from the front of the phone by running it along the seam between the two.
- Lift casing slightly away while sliding the ribbon through the slot in the casing.

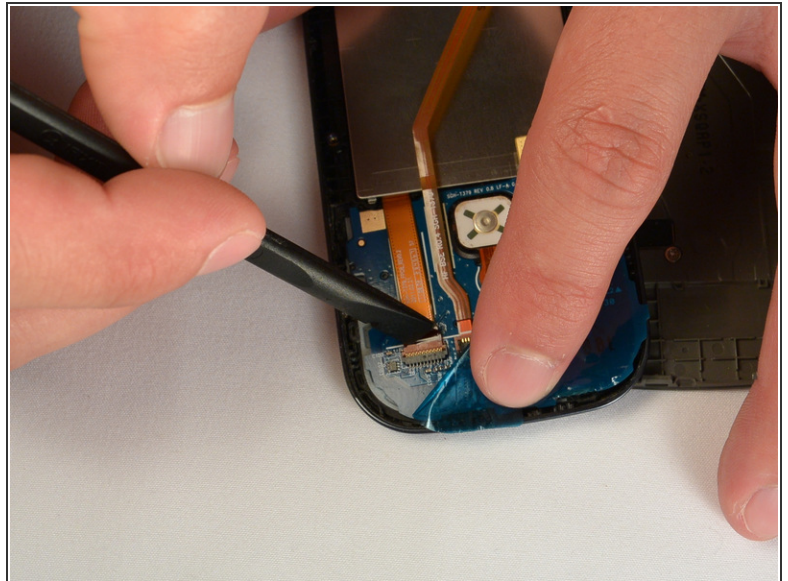
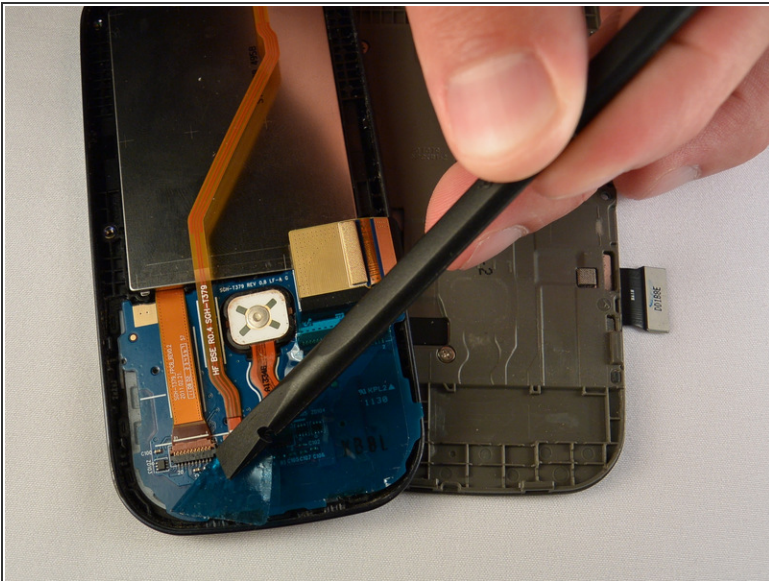


## Step 15



- Use a spudger to get underneath and remove the call speaker.

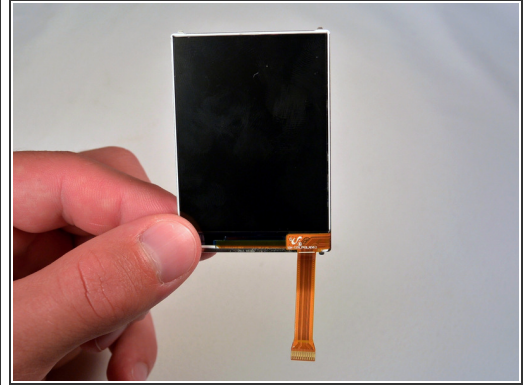
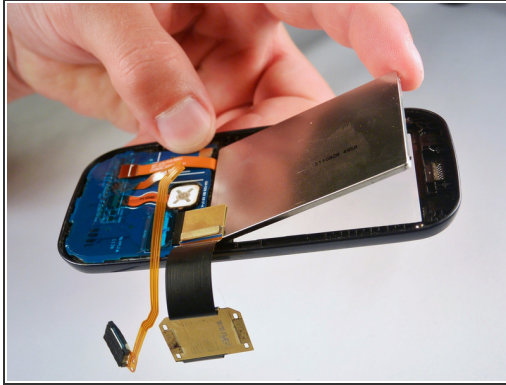
## Step 16



- Remove the plastic adhesive sheet to expose the ribbon cables
- ❗ The use of an iOpener may be needed to soften the adhesive
- Use your finger or a spudger to pull the screen ribbon out of the connector



## Step 17



- Use a Jimmy to separate the screen from the rest of the phone
  - ⓘ You may need to heat the perimeter of the screen with an iOpener to soften the adhesive.
- Lift the screen away

To reassemble your device, follow these instructions in reverse order.

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